

City of Gardner Position Description

ELECTRIC LINEMAN

Position Title: Electric Lineman
Department: Public Works
Reports To: Electric Distribution Supervisor
Salary Range: 6
FLSA Status: Non-Exempt (eligible for overtime pay)
Last Update: May 1, 2006

Job Summary:

The Electric Lineman performs skilled work of journeyman level in the construction, maintenance and repair of electrical power line, meters and other electrical equipment, repair of overhead and underground 12KV electric distribution power lines, 161 KV transmission lines, substations and switching apparatus, protection equipment, metering, and other electrical equipment.

Job Scope:

The Electric Lineman performs of a variety of skilled tasks in the field requiring the use of journeyman's tools in connection with the city power transmission and distribution system. Employee frequently works with high-voltage tension wires and under unfavorable weather conditions requiring exceptional care in order to protect the lives of themselves and others. Work is normally performed under the supervision of a supervisor, although employees will frequently be assigned special jobs where they will work independently. Supervision may be exercised over helpers. Work is subject to inspection by superiors in progress or on completion for quality and quantity.

Essential Duties and Responsibilities:

- Constructs, maintains and repairs electrical overhead and underground distribution lines and transmission facilities, strings wire, builds transformer platforms, installs and hangs transformers, lighting arresters, cut-outs, insulators, capacitors, gang-operated air breakers, voltage regulators, street lights, and other equipment and materials;
- Finds and repairs faulted overhead and underground 12KV distribution lines and restores services.
- Trenches new primary underground services.
- Installs and connects secondary (480 V and below) services.
- Operates and maintains automated switching equipment.
- Replaces fuses and broken or faulty equipment on poles, disconnects hot wires, transfers hot wires from old poles to new, unbolts faulty equipment and hangs new; reconnects lines, splices high voltage cable, replaces defective pad mounted transformers.
- Takes precautions necessary to assure safety of self, subordinates, and others in the area of work;
- Assists in erecting and taking down poles; uses hydraulic-pneumatic equipment for setting poles.
- Maintains and operates specialized high voltage-insulated/protected and periodically certified line construction equipment and machinery.
- Trims trees, shrubs and brush within electric easements and under power lines.
- Assists in loading and unloading materials and equipment;
- Performs other related duties as deemed necessary or as required.

Education, Certification and Experience Requirements:

High school diploma or GED and a minimum of three (3) years experience in electric line construction, overhead and underground distribution systems, and experience working with 12KV electric lines under "hot" conditions, or any equivalent combination of training and experience that provides the required knowledge, ability and skill. A diploma from a qualified lineman's school will be considered in lieu of one year of experience. Requires possession of valid Commercial Driver's License (CDL).

Skills, Knowledge and Abilities:

Considerable knowledge of approved switching procedures relating to looping, transferring, or disconnection of electric distribution system or lines. Considerable knowledge of the approved methods, materials, tools and equipment used in overhead and underground power line construction, maintenance and repair work. Considerable knowledge of related occupational hazards and safety precautions. Some knowledge of first aid, including artificial respiration. Ability to climb poles and work with high voltage tension wires and to exercise proper safety precautions. Ability to find and repair overhead and underground faults and restore service. Ability to understand and follow oral and written instructions quickly and accurately. Considerable knowledge of operation and use of bucket trucks, digger derricks, and trencher. Good physical condition, sufficient strength and agility to climb poles, to perform heavy manual tasks related to line construction, and to work under varying weather conditions. Ability to respond to after-hours emergency call on a 24-hour scheduled call-out list. Ability to locate utilities as scheduled by Kansas One Call. Ability to complete required coursework for line maintainer certification. Ability to establish and maintain an effective working relationship with superiors, subordinates, other employees, and the general public contacted in the course of the work.

Tools and Equipment Used:

Computer, safety harnesses, personal protective equipment (PPE), lineman belt & climbers, various hand-tools, pneumatic & hydraulic lifting devices, slings, hand-lines, come-along, grips, cable pullers, aerial coffing hoists, crimping tools, high voltage rubber-gloves & sleeves, arc suppression blanket, insulator & spade covers, cross arm covers, cutout covers, universal hot covers, straight line hose, static discharge stick, hot-sticks, jumper clamps, voltage detectors, grounding cables, megohmmeters, rotation meters, clamp on meters, voltmeters, phasing sticks, ammeters, groundtesters, compression tools, trimmers, continuity testers, torque wrenches. Pole mount brackets, versa blocks, corner blocks, cable cutters, terminator blocks, cable benders, chain saws, limb saws, measuring wheels, trenching equipment, back-hoe, bucket truck, digger derrick, miscellaneous chemical compounds, general housekeeping tools and power washer.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. While performing the duties of this job, the employee must be capable to negotiate rough terrain on foot to access maintenance problems. Must be capable to operate a variety of motorized equipment. Must be capable of occasionally lifting fifty to one-hundred (50-100) pounds in confined space during execution of duties. Requires mobility to complete errands, flexibility of body, manual dexterity and hand/eye coordination adequate to use equipment as assigned. Must be able to safely work at heights well above ground level.

Work Environment:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. While performing the duties of this job, this position functions primarily on a job site. Manual labor is required. Adverse weather conditions including prolonged exposure to temperature and precipitation extremes are a factor, as is exposure to fuels, exhaust, chemicals and hazardous implements and equipment.

Selection Guidelines:

Formal application; rating of education and experience; oral interview and reference check. Job related tests may be required.

The City of Gardner is an equal opportunity employer. Any applicant/employee with a disability as defined in the Americans with Disabilities Act may request an accommodation to perform the functions of this position. Requests should be directed to the immediate supervisor.

The duties listed above are intended only as illustrations of the various types of work performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.

The job description does not constitute an employment agreement between the employer and the employee and is subject to change by the employer as the needs of the employer and requirements of the job change.